

Radar Scientist

Flight ID_	B1004H1	_ Storm_	Karen	Radar Scientist\	azelton
on his/her	assigned aircra	ft. Detaile	d operational p	data collection from all raprocedures and checklists a rocedures follow. (Check of	re contained
Preflight				lusy Radar Tech	
1.	Determine s	tatus of equ	ipment and repo	ort results to lead project scien	ntist (LPS).
2.	Confirm mis	ssion and pa	attern selection	from the LPS.	
2.	Select the op	perational n	node for radar s	ystem(s) after consultation wi	th the LPS.
4.	Complete th	e appropria	te preflight chec	ck list.	
In-Flight				AND A CATAL	
1.				ction regularly, using the re	
	the Radar F	Event Log Also docum	of event times.	form as well as a written co, such as ending and restart tent problems or changes in	ing of radar
Post flight					
V. X.	Complete the	e summary	checklist and al	l other appropriate forms.	
	Download al	ll Tail (TA)	radar data files	to thumb drive.	
3.	Brief the LP to the LPS.	S on equip	ment status and	turn in completed forms and t	humb drives
<u></u>	Debrief at th	e base of o	perations.		
5.	Determine the can be contained		future missions	and notify HFP Director as t	o where you

н	RD Radar Scientist Check List
Flight II	D: 131004Hl
Aircraft	Number: VOAA 42
Radar S	cientist: Hazelfon
Radar T	Pechnician: Bosko
Component Systems Status (U	Jp ↑, Down ↓, Not Available N/A, Not Used O)
Radar Computer	<u> </u>
Lower Fuselage (LF) Anto	enna
Tail (TA) Antenna	
Time correction	on between LF radar time and digital time:
TA Radar Parameters:	
(Single/Dual) PRF	F/AST (Y/N) Rotation Rate RPM
Sweeps/File Re	cord 2 nd Trip (Y/N) (Circle appropriate status)
	Radar Post flight Summary
Significant down time:	
Radar LF	Debrief at the three or operations.
Radar TA	

Other Problems:

25 50'

HRD Radar Event Log

Flight ID 131004 Hl Aircraft	42	
Radar Scientist Hatelton	Radar Technician	Bosko

(Include down time and times of when recording ended and was restarted)

Time (HHMMSS)	Event	
182600	Radar Started	
192915	Begin Les 1 Inbound	
195700	Center Fix 1	
202400	End leg 1, Bigin Downwind 1	
205815	End Downwind 1, Begin Legi	
212740	Conto Fix 2	
215212	End les 2, Begin Downwind 2	
221040	Frd Downwind Z, Bigin Leg 3	
223528	cuter Fix 3	
220075	End Les 3, Begin Downwind 3	
233230	End Countined 3, Begin Leg 4	
235640	Center Fix 4	
002135	End leg 4 Begin Pontration of Convect God Penetration of convection	ion
010500	bad Penetration of convection	
011455	Radar Ended	
91.9		
	cannot deliberate and fighters masslooms and message of the adjusted the contract of the contr	

Doppler Wind parameters

Flight ID: 131004H1				Doppler flight-leg notes (for use in automatic QC and analysis)			Scientist: Hazelton				
Leg Start Time	Leg End Time	Storm Motion		Center Fix Time Latitude Longitude			Inbound	Outbound	Max Radius	Horz. Res (km)	Sent
HHMMSS	HHMMSS	Degrees	Knots	HHMMSS	(Deg/Min)	(Deg/Min)	track	track	(km) Default = 245	Default = 5	(Y/N)
1929 15	205815	335	16	195700	25°47′	900101	225°	215°	245	5	Y
205715	215212	335	9	212740	25 51'	90 191	3/15	315			
24070	230095/ 233730 002135/	278	9	23520	25°52	90.56	90°	90	145	5	V
733130	010500	335	6	235640	75°55'	90'zi	180°	180°	Cio		
	3			7							
		1,000						10			
18 18 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1											